

IN THE CLAIMS:

1. (Currently Amended) A brushless motor ~~formed~~
~~with~~having full-pitch windings in three phases, said motor
comprising a rotor and a stator, said stator having an axial
direction, the stator comprising a stator core ~~having~~comprising
a plurality of coils, a yoke, teeth, and slots each ~~formed~~
located between a pair of adjacent teeth, the teeth being three
times in number of poles of the rotor, wherein

each of said coils of each phases are inserted inphase is
located in one of the slots in a one coil per one slot manner,
the coils each having coil ends shaped in ~~an~~the axial direction
of the stator, wherein the coil ends of each coil of said
plurality of coils corresponding to a phase are located at an
end surface of the stator core such that: a first coil is
located outside the second and third coils, in a place where the
second and third coils are located in a pair of slots adjacent
each other; the second coil is located from inside the first
coil to outside the third coil, in a place where the first and
third coils are located in another pair of slots adjacent each
other; and the third coil is located inside the first and second

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coils, in a place where the first and second coils are located
in still another pair of slots adjacent each other.

2. (Canceled)

3. (Currently Amended) The brushless motor according to claim 1 ~~or 2~~, wherein the coils are ~~formed by full-pitch winding~~ wound coils.

4. (Currently Amended) The brushless motor according to claim 1 ~~or 2~~, wherein the rotor has six poles and the stator has eighteen slots.

5. (Previously Presented) The brushless motor according claim 3, wherein the rotor has six poles and the stator has eighteen slots.

6. (Withdrawn) The brushless motor according to claim 1 or 2, wherein the motor is driven by sinusoidal wave driving.

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7. (Withdrawn) The brushless motor according to claim 3, wherein the motor is driven by sinusoidal wave driving.

8. (Withdrawn) The brushless motor according to claim 4, wherein the motor is driven by sinusoidal wave driving.

9. (Withdrawn) A machine including the brushless motor according to claim 1 or 2.

10. (Withdrawn) A machine including the brushless motor according to claim 3.

11. (Withdrawn) A machine including the brushless motor according to claim 4.

12. (Withdrawn) A machine including the brushless motor according to claim 5.

13. (Withdrawn) An hermetic compressor including the brushless motor according to claim 1.

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14. (Withdrawn) An hermetic compressor including the brushless motor according to claim 3.

15. (Withdrawn) An hermetic compressor including the brushless motor according to claim 4.

16. (Withdrawn) An hermetic compressor including the brushless motor according to claim 6.

17. (Withdrawn) The hermetic compressor according to claim 13, wherein a refrigerant used in the hermetic compressor is R134a.

18. (Withdrawn) The hermetic compressor according to claim 13, wherein the coils of the brushless motor are formed by full-pitch winding and a refrigerant used in the hermetic compressor is R134a.

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19. (Withdrawn) The hermetic compressor according to claim 13, wherein the coils of the brushless motor are formed by full-pitch winding.

20. (Withdrawn) A machine including the hermetic compressor according to claim 13.

21. (Withdrawn) A machine including the hermetic compressor according to claim 17.

22. (Withdrawn) The machine according to claim 21, wherein the coils of the brushless motor are formed by full-pitch winding.